IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on December 6, 2003 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee." mailing label No. EV335471785US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.,

CERTIFICATE UNDER 37 CFR 1.10

December 6, 2003 Date

Signature

Re:Inventor(s):

KURT HOFFMANN

Title:

FIELD EMITTER BEAN SOURCE AND METHOD FOR CONTROLLING A

BEAM CURRENT

Transmitted herewith is the patent application identified above, including:								
\boxtimes	Specification, claims and abstract					57 Total Pages		
\boxtimes	Drawings	\boxtimes	Formal		Informal	16 Total Pages		
\boxtimes	Declaration and Power of Attorney (Unsigned)							
	Information Disclosure Statement with List							
	Assignment of the Invention to							

FEE CALCULATION

CLAIMS FILED PAID BY BASIC 1		NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE		
Basic Fee		·			\$.00
Total Claims	43	- 20 = 23	X\$ =	\$.00
Independent Claims	5	- 3 = 2	X \$ =	\$.00
First Presentation of Multiple Dependent Claims +\$.00					-0-
	\$.00			

The Commissioner is hereby authorized to charge \$
duplicate copy of this transmittal is enclosed.

Assignment Recordation Cover Sheet

to Deposit Account No.. A

П The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. A duplicate copy of this transmittal is enclosed.

 \boxtimes Please address all future correspondence to: B. Todd Patterson MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500

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Respectfully submitted,

Ari O. Pramudii

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